

**Mbedded 4G router module**

**LBT-T300-M400-C3**

Product specification

# Product overview

The multifunctional 4G industrial router module is a module supporting 1-port Ethernet, WIFI LAN (802.11 B/G/n) communication, serial port, and WAN 4G wireless communication functions, realizing seamless connection between wireless LAN and wireless WAN, and providing users with high-speed, safe, and reliable mobile broadband services. The camera can be fixed to transmit images through the 4G network to provide a stable and reliable network channel for various devices that need to be connected to the Internet. The Ethernet port and WIFI are used to provide a variety of simple and easy-to-use network access methods for customers' applications, which simplifies the network development needs to the greatest extent.

Support WEB configuration mode, convenient and simple management.

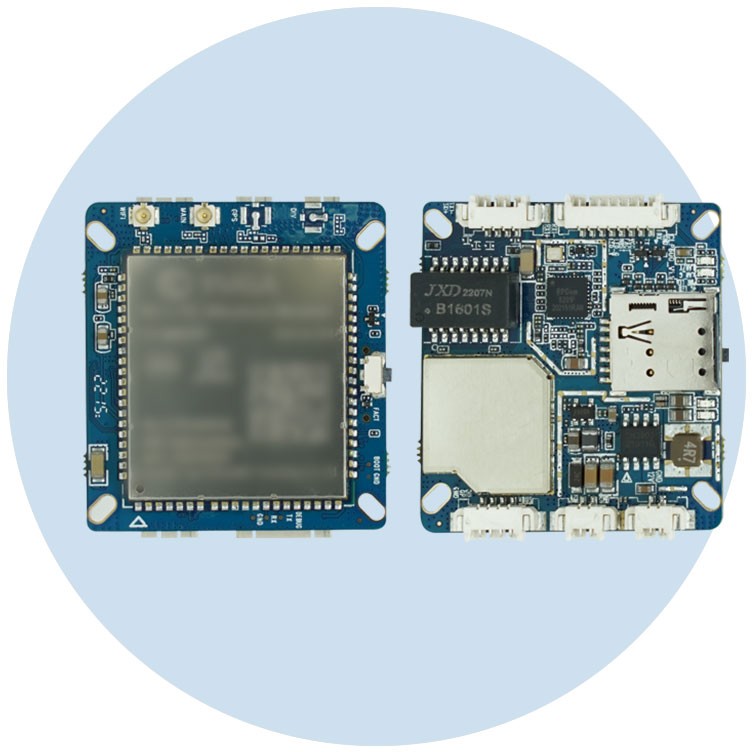
**Application field**

Electricity Petroleum Coal mine Finance

Communication Public security Heat Industrial Control



Weather Water ConservancyTraffic Municipal



**Product characteristics**

**Product features**

1, ultra-small size, length and width of only 38.0 \* 43.5 \* 10 mm

2. 4G wireless communication module that can freely carry ASR platform

ASR Platforms: CLM920 \_ JD3CN, CLM920 \_ JD3AU, CLM820 \_ JD3NA)

3, intelligent anti-drop, support online detection, drop automatic redial, to ensure that the device is always online

4. Support web software upgrade

5. Stable performance and high cost performance

6. Support GPS (non-default configuration, need to be customized)

# Functional overview

**Functions overview**

**Software function**

|  |  |
| --- | --- |
| The way to surf the Internet | 4G dial-up DHCP/Static IP |
| Number of users supported | Wired: 253, wireless: 10 (theoretical) |
| Operating system requirements | Windows XP/VISTA Linux 2.6 Windows 7 and above MAC OS: 10.3.7 and above |
| Browser requirements | IE: 6.0 and above Safari: 1.2.4 and above Firefox: 2.0.0.8 and above |
| Panel interface area Internet | Panel interface area Manual screen selection  The Internet is open MEP settings  Traffic statistics USSD pin code management |
| Home Network | DHCP Settings Connected Device Log  User Firewall Rules Port Filtering  Port mapping |
| Phonebook SMS | Phonebook SMS |
| Wireless router | Wireless settings  Wireless Security Settings  Wireless Mac Filtering  User Management  Configuration Management  Software Upgrade  Restart Router  Close Router  Time Settings  SD Card Files  SD Card Management  ACS Management |

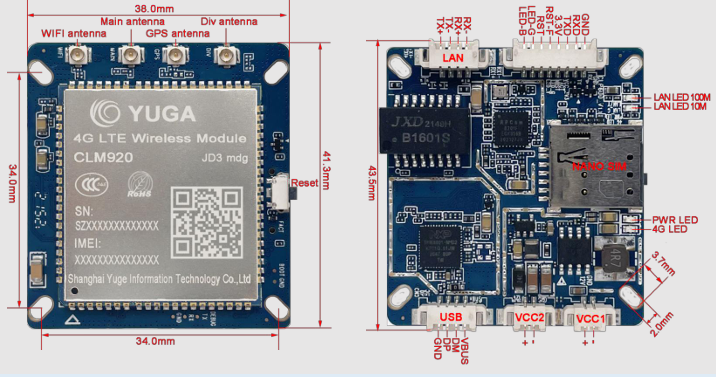
**Hardware parameters**

|  |  |
| --- | --- |
| Wireless interface | IEEE802.11b/g/n |
| Operating frequency band | 2400-2483.5MHz |
| Antenna | IPEX1 generation bus |
| WIFI transmission rate | 150Mbps（MAX） |
| External interface | LAN port: 1 (LAN 1 Antenna interface: 1-4 (optional) (WAN/LAN adaptive) Indicator lamp: 4  TTL interface: 1 Terminal power supply interface: 1  SIM card slot: 1 Reset key: 1  USB 2.0: 1 |
| Frequency band supported (optional) | CLM920 \_ JD3CN (equipped with 4G module): TDD LTE: B34/B38/B39/B40/B41 FDD LTE: B1/B3/B5/B8  WCDMA: B1/B5/B8  CLM920 \_ JD3CN (with 4G module): TDD LTE: B38/B40/B41  FDD LTE: B1/B3/B5/B7/B8/B20/B28 WCDMA: B1/B5/B8  CLM920 \_ JD3CN (with 4G module): TDD LTE: B38/B40/B41  FDD LTE: B1/B2/B3/B4/B5/B7/B8/B28/B12/ B17/B66 WCDMA: B1/B2/B4/B5/B8 |
| Overall dimensions | Length, width and height: 38.0 \* 43.5 \* 10 mm (fixed hole installation) |
| Power source | DC power supply: 6-25V/3A |
| Power consumption (current) | Less than 400mA |
| Work environment | Operating temperature: -20 ° C ~ + 70 ° C Storage temperature: -30 ° C ~ + 80 ° C |

# Interface description

**Interface specification**

**Side a, side B**



1. The DC power supply voltage range is 6V to 25V, and it is recommended to use a matching power adapter

2. Support LTE network indicator light, flashing when there is no card or not registered, normally on when registered. Z

3. Support WAN and LAN network port indicator light and WiFi indicator light.

4. WAN port can be configured as WAN or LAN function on the page.

5. Support the Factory reset button.

6. Please clear the browser's browsing history before using the WEBUI management function

